

In The Claims:

1. (Currently Amended) A method of controlling an automotive vehicle with a yaw stability control system and a trailer comprising:
determining a presence of a trailer and generating a trailer signal;
changing a side slip angle parameter threshold of the vehicle to a modified side slip angle parameter threshold in response to the trailer signal; and
controlling the yaw stability control system in response to the modified side slip angle parameter threshold.

2. (Original) A method as recited in claim 1 wherein changing a side slip angle parameter threshold comprises reducing a side slip parameter threshold.

3. (Original) A method as recited in claim 1 wherein determining a presence of a trailer comprises determining a presence of a trailer in response to a manually activated switch.

4. (Original) A method as recited in claim 1 wherein determining a presence of a trailer comprises determining a presence of a trailer in response to a trailer sensor.

5. (Original) A method as recited in claim 4 wherein the trailer sensor comprises a hitch sensor.

6. (Original) A method as recited in claim 4 wherein the trailer sensor comprises a reverse aid sensor.

7. (Original) A method as recited in claim 4 wherein the trailer sensor comprises a harness current detector.

8. (Original) A method as recited in claim 1 wherein the side slip angle parameter threshold comprises a side slip angle.

9. (Original) A method as recited in claim 1 wherein the side slip angle parameter threshold comprises a side slip angle derivative threshold.

10. (Currently Amended) A control system for a vehicle configured for towing a trailer comprising:

a yaw control system having a side slip angle threshold;

a trailer;

means to generate a trailer signal in response to a presence of [[a]] the trailer;

a controller changing the side slip angle parameter threshold of the vehicle to a modified side slip parameter threshold in response to the trailer signal, said yaw stability control system operating in response to the modified side slip angle parameter threshold.

11. (Original) A system as recited in claim 10 wherein said means to generate a trailer signal in response to a presence of a trailer comprises a hitch sensor.

12. (Original) A system as recited in claim 10 wherein said means to generate a trailer signal, in response to a presence of a trailer comprises a reverse aid sensor.

13. (Original) A system as recited in claim 10 wherein said means to generate a trailer signal in response to a presence of a trailer comprises an ultrasonic sensor.

14. (Original) A system as recited in claim 10 wherein said means to generate a trailer signal in response to a presence of a trailer comprises a camera.